

# Converting Colors

YIQ(143.8500, 45.8420, 39.2660)

Have a look what the booklet for  
YIQ(143.8500, 45.8420, 39.2660)  
contains.

<b>YIQ(143.8500, 45.8420, 39.2660)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(143.8500, 45.8420,  
39.2660)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D46AA0
RGB	212, 106, 160
RGB Percent	83%, 42%, 63%
CMY	0.1683, 0.5845, 0.3724
CMYK	0.00, 0.50, 0.25, 0.17
HSL	329°, 55%, 62%
HSV	329°, 50%, 83%
XYZ	38.6701, 26.8461, 36.4178
YIQ	143.8500, 45.8420, 39.2660

# Conversions

## Conversions Part 2

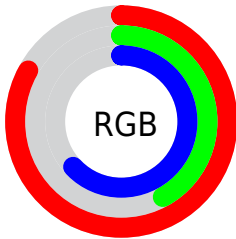
Format	Color
R <sub>Y</sub> B	212, 106, 160
Decimal	13920928
CIE Lab	58.83, 47.95, -9.81
CIE LCh	59, 48.938, 348.437
Yxy	26.8461, 0.3794, 0.2634
Android (android.graphics.Color)	4292111008 (0xFFD46AA0)
YUV	143.8500, 7.9620, 59.7676
Hunter-Lab	51.8132, 42.5480, -5.4037

# Details

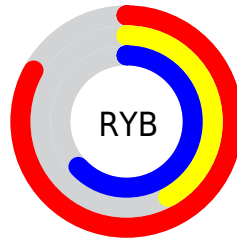
The YIQ color **143.8500, 45.8420, 39.2660** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **174.1500, -45.8420, -39.2660**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **194.6750, 38.9650, 37.2450**, and **89.8820, 42.8160, 39.0400** is the 20% darker color. If you saturate the color by 10%, you get **130.3830, 54.8270, 47.1390**, and if you desaturate by 10%, it is **157.3170, 36.8570, 31.3930**.

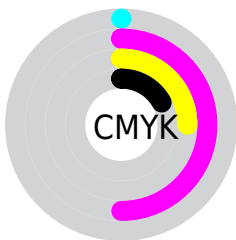
# Distribution



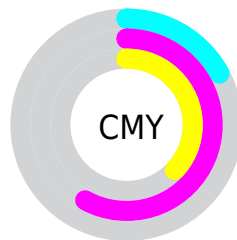
- Red (83%)
- Green (42%)
- Blue (63%)



- Red (83%)
- Yellow (42%)
- Blue (63%)



- Cyan (0%)
- Magenta (50%)
- Yellow (25%)
- Black (17%)



- Cyan (17%)
- Magenta (58%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 143.8500, 45.8420, 39.2660 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 143.8500, 45.8420, 39.2660 by changing the saturation by 10% instead.





 143.8500, 45.8420,  
39.2660


 143.8500, 45.8420,  
39.2660


255.0000, -0.0000,  
-0.0000


 116.3660, 44.3290,  
39.1530


 194.6750, 38.9650,  
37.2450


 89.8820, 42.8160,  
39.0400


 214.3030, 22.2770,  
31.3090


 61.0500, 42.4030,  
41.0190

 232.6940, 10.4500,  
19.8740

 36.8540, 40.0190,  
40.1710

 249.7170, 2.4750,  
4.7070

 26.2730, 30.9890,  
27.6050

 17.1160, 23.7010,  
16.5090

 0.0000, 0.0000,

0.0000

■ 143.8500, 45.8420,  
39.2660

■ 143.8500, 45.8420,  
39.2660

■ 130.3830, 54.8270,  
47.1390

■ 157.3170, 36.8570,  
31.3930

■ 116.8020, 64.1330,  
54.7010

■ 170.8980, 27.5510,  
23.8310

■ 102.7480, 73.3930,  
63.0970

■ 184.9520, 18.2910,  
15.4350

■ 89.1670, 82.6990,  
70.6590

■ 198.5330, 8.9850,  
7.8730

■ 75.7000, 91.6840,  
78.5320

■ 212.0000, -0.0000,  
-0.0000

■ 225.4670, -8.9850,  
-7.8730

■ 239.0480,  
-18.2910, -15.4350

■ 240.7750,  
-21.7760, -12.8480

■ 242.0290,  
-25.3070, -9.4270

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



145.7610, 9.4840, 37.3880



143.8500, 45.8420, 39.2660



141.0520, 65.2840, 28.3240

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



143.8500, 45.8420, 39.2660



134.4190, 25.3600, -30.0960



117.2900, -109.8050, -19.9250

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



143.8500, 45.8420, 39.2660



174.1500, -45.8420, -39.2660

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



114.7190, -98.4320, -33.3120



143.8500, 45.8420, 39.2660



128.4170, -15.8570, -37.5290

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



143.8500, 45.8420, 39.2660



138.0470, 53.3710, -14.6050



109.1160, -84.0330, -46.4730



114.2870, -113.7500, -8.9980



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



143.8500, 45.8420, 39.2660



140.2890, 68.4500, 14.9940



109.1160, -84.0330, -46.4730



116.6230, -106.5490, -23.8690

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



143.8500, 45.8420, 39.2660



230.5280, 16.5490, 13.9650



133.3330, -3.6300, 43.7780



113.1310, 10.1770, 8.2970



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



143.8500, 45.8420, 39.2660



156.6390, 66.1500, 56.6940



137.9220, 62.5340, 23.0940



99.9730, 4.6300, 4.1980



61.0470, 73.9890, 63.3090



15.3650, 18.5660, 15.9580



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



143.8500, 45.8420, 39.2660



156.6390, 66.1500, 56.6940



180.0780, -62.5340, -23.0940



99.9730, 4.6300, 4.1980



61.0470, 73.9890, 63.3090



15.3650, 18.5660, 15.9580



# Previews

## White Background



This preview shows how the YIQ color 143.8500, 45.8420, 39.2660 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 143.8500, 45.8420, 39.2660 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

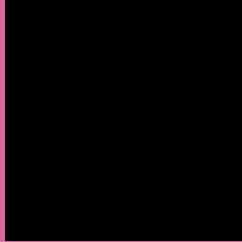
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 143.8500, 45.8420, 39.2660

## Background



This preview shows how black text looks on a background with the YIQ color 143.8500, 45.8420, 39.2660.



This preview shows how white text looks on a background with the YIQ color 143.8500, 45.8420,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

143.8500, 45.8420, 39.2660

### Protanopia

142.2110, -19.1670, 11.4650

### Deuteranopia

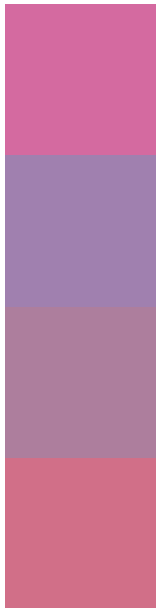
143.5260, 1.6950, 7.8310



## Tritanopia

143.0180, 53.4560, 22.4160

# Trichromacy



## Original Color

143.8500, 45.8420, 39.2660

## Protanomaly

142.9260, 3.9850, 21.4010

## Deuteranomaly

143.5870, 18.0610, 19.6050

## Tritanomaly

143.1520, 50.3830, 28.5510

# Monochromacy



## Original Color

143.8500, 45.8420, 39.2660

## Achromatopsia

144.0000, -0.0000, 0.0000

## Achromatomaly

143.9410, 16.8240, 14.4880

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 143.8500, 45.8420, 39.2660 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(212, 106, 160)` looks like.

```
.text, #text, p{  
    color:rgb(212, 106, 160)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(212, 106, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 106, 160) }
```

## Border

The CSS property to change the border of an element to YIQ 143.8500, 45.8420, 39.2660 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 106, 160) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(212, 106, 160) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(212, 106, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 106, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 106, 160);  
box-shadow:4px 4px 4px 4px rgb(212, 106,  
160) }
```

# Background

The CSS property to change the background color of an element to YIQ 143.8500, 45.8420, 39.2660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 106, 160) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(212,  
106, 160) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor